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OM nucleic - nucleic search, using sw model

Run on: February 16, 2003, 17:00:49 ; Search time 193.217 Seconds
(without alignments)
10829.323 Million cell updates/sec

Title: US-09-497-967-5
Perfect score: 1404
Sequence: 1 atgaagaacaacatcctggt.....tgatctttactacctgctg 1404

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 2773584 seqs, 745158349 residues

Total number of hits satisfying chosen parameters: 5547168

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending_Patents_NA_New: *
1: /cgn2_6/ptodata/1/pna/PCT_US06_NEW_COMB.seq: *
2: /cgn2_6/ptodata/1/pna/US06_NEW_COMB.seq: *
3: /cgn2_6/ptodata/1/pna/US07_NEW_COMB.seq: *
4: /cgn2_6/ptodata/1/pna/US08_NEW_COMB.seq: *
5: /cgn2_6/ptodata/1/pna/US09_NEW_COMB.seq: *
6: /cgn2_6/ptodata/1/pna/US10_NEW_COMB.seq: *
7: /cgn2_6/ptodata/1/pna/US60_NEW_COMB.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query No.	Score	Match	Length	ID	Description
C 1	35.8	2.5	2017	6	US-10-293-865-17	Sequence 17, Appl
C 2	35.4	2.5	4863	1	PCT-IL02-00904-30	Sequence 30, Appl
C 3	34.4	2.5	584	5	US-09-531-113-11107	Sequence 11107, A
C 4	34.4	2.5	2110	6	US-10-225-567A-505	Sequence 505, App
C 5	34.4	2.5	37716	1	PCT-US02-32727-48	Sequence 48, Appl
C 6	34.4	2.5	37716	6	US-10-057-498-48	Sequence 48, Appl
C 7	34	2.4	555	6	US-10-144-771-26535	Sequence 26535, A
C 8	34	2.4	1215	1	PCT-US02-40225-2140	Sequence 2140, Ap
C 9	34	2.4	1215	6	US-10-320-797-2140	Sequence 2140, Ap
C 10	33.8	2.4	6692	6	US-10-144-771-38397	Sequence 38397, A
C 11	33.6	2.4	849	5	US-09-724-676-19769	Sequence 19769, A
C 12	33.6	2.4	849	5	US-09-724-676A-19769	Sequence 19769, A
C 13	33.6	2.4	2161	5	US-09-620-312D-1053	Sequence 1053, Ap
C 14	33.6	2.4	2194	1	PCT-US02-40718-11	Sequence 11, Appl
C 15	33.6	2.4	2230	5	US-09-620-312D-1052	Sequence 1052, Ap
C 16	33.2	2.4	1009	6	US-10-144-779-651	Sequence 651, App
C 17	33.2	2.4	1077	6	US-10-144-771-43535	Sequence 43535, A
C 18	33.2	2.4	1234	6	US-10-144-771-1344	Sequence 1344, Ap
C 19	33.2	2.4	3008	6	US-10-144-779-75	Sequence 75, Appl
C 20	32.8	2.3	256	5	US-09-531-113-26707	Sequence 26707, A
C 21	32.8	2.3	495	5	US-09-531-113-5605	Sequence 5605, Ap
C 22	32.8	2.3	500	5	US-09-531-113-5605	Sequence 14722, A
C 23	32.8	2.3	1082	6	US-10-144-771-14722	Sequence 14722, A
C 24	32.8	2.3	3912	7	US-10-144-771-4901	Sequence 4901, Ap
C 25	32.6	2.3	537	7	US-60-436-643-2181	Sequence 2181, Ap
C 26	32.6	2.3	3606	6	US-10-144-771-41270	Sequence 41270, A

C 27	32.4	2.3	17014	6	US-10-144-771-30161	Sequence 30161, A
C 28	32.2	2.3	251	5	US-09-531-113-28384	Sequence 28384, A
C 29	32.2	2.3	5271	5	US-09-949-004-511	Sequence 511, App
C 30	32.2	2.3	6315	5	US-09-949-004-515	Sequence 615, App
C 31	32.2	2.3	6358	5	US-09-949-004-616	Sequence 1039, Ap
C 32	32.2	2.3	21003	6	US-10-017-161-1039	Sequence 1483, Ap
C 33	32	2.3	279	1	PCT-US02-40891-1483	Sequence 1867, Ap
C 34	32	2.3	432	5	US-09-513-999C-1867	Sequence 1353, Ap
C 35	32	2.3	1070	6	US-10-342-887-1353	Sequence 775, App
C 36	32	2.3	1109	5	US-09-620-312D-775	Sequence 63, Appl
C 37	32	2.3	21719	1	PCT-US02-32727-63	Sequence 63, Appl
C 38	32	2.3	21719	6	US-10-057-498-63	Sequence 2295, A
C 39	31.8	2.3	250	5	US-09-531-113-22295	Sequence 8, Appl
C 40	31.8	2.3	256	5	US-09-531-113-22293	Sequence 14346, A
C 41	31.8	2.3	995	6	US-10-316-754-8	Sequence 17297, A
C 42	31.8	2.3	1048	6	US-10-144-771-14346	Sequence 43209, A
C 43	31.8	2.3	5824	6	US-10-144-771-17297	Sequence 144, App
C 44	31.6	2.3	1077	6	US-10-144-771-43209	
C 45	31.6	2.3	1738	6	US-10-348-119-144	

ALIGNMENTS

RESULT 1

US-10-293-865-17/c
; Sequence 17, Application US/10293865
; GENERAL INFORMATION:
; APPLICANT: Nikolau, Basil J
; APPLICANT: Wurtele, Eve S
; APPLICANT: Oliver, David J
; APPLICANT: Behal, Robert
; APPLICANT: Schnable, Patrick S
; APPLICANT: Ke, Jinshan
; APPLICANT: Johnson, Jerry L
; APPLICANT: Allred, Carolyn C
; APPLICANT: Fatland, Beth
; APPLICANT: Lutziger, Isabelle
; APPLICANT: Wen, Tsui-Jung
; TITLE OF INVENTION: Materials and Methods for the Alteration of Enzyme and
; FILE REFERENCE: 217113
; FILE REFERENCE: Acetyl CoA Levels in Plants
; CURRENT APPLICATION NUMBER: US/10/293,865
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/344,882
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 60/090,717
; PRIOR FILING DATE: 1998-06-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 17
; LENGTH: 2017
; TYPE: DNA
; ORGANISM: Arabidopsis Thaliana
; NAME/KEY: exon
; LOCATION: (1)..(1000)
; FEATURE: exon
; NAME/KEY: (1002)..(1508)
; LOCATION: (1002)..(1508)
; NAME/KEY: exon
; LOCATION: (1510)..(1519)
; FEATURE: exon
; NAME/KEY: (1521)..(1531)
; LOCATION: (1521)..(1531)
; NAME/KEY: exon
; LOCATION: (1533)..(2017)
; US-10-293-865-17

Query Match 2.5%; Score 35.8; DB 6; Length 2017;
Best Local Similarity 54.1%; Pred. No. 3.6;

Matches	73	Conservative	0	Mismatches	62	Indels	0	Gaps	0
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QY	265	ACCCAGTGTACGTTGAAGTGTCTGCTGTGGAACCGCTATCTCGTGTGAGGAGCTACCGCACTAC	324
Db	536	ACCAATTGTATGATGAAGAATTCCTATTGGTACCGGTATCTGTTGGAGTTTGGACACCGAC	477
QY	325	GCTGCTATCATCACCAGAGTGTGTGAACACTGTCGATCAAGTCTTACACGAGAGAGCGTCCT	384
Db	476	GATGCAAAATCAGAGCGCAATTCCTACTGTAAACCGCGGATTCGCATTTCAGAACACTCAA	417
QY	385	AACTTCAACGCTGGA	399
Db	416	TCCACCGACGGTGA	402

RESULT 2
PCT-IL02-00904-30/c
; Sequence 30, Application PC/TILO200904
; GENERAL INFORMATION:
; APPLICANT: Levanon Erez, et al.
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR IDENTIFYING NATURALLY OCCURRING ANTISENSE
; TRANSCRIPTS AND METHODS AND KITS UTILIZING SAME

Query Match 2.5%; Score 35.4; DB 1; Length 4863;
Best Local Similarity 44.9%; Pred. No. 7;
Matches 125; Conservative 0; Mismatches 166; Indels 0; Gaps 0;

QY	167	CTGTGCTTTTCGTGCTGGAGCTTCTACCTGTACCCCTTGCTCCTCAGAAAGACGCTG	226
Db	1597	CTGTGTCAGCTGCTCTGGAGACGTTCTGACTGCCGCTGCTCTCCAGCTGCTTCCGCTT	1538
QY	227	GAGTCTAGCCTAACCCCTCTGCTTACCGCTAACCTGGTGACCCAGTGTAACTGGAAGTGTC	286
Db	1537	GTATTCTGCTCGGGCTCCGGCTGCCGCGCTCTCTCCCGCGCAGAGCCTGCATGTC	1478
QY	287	CTGTGGNACCGCTATCGCTGGAGAGCTACCGACTACGCTGCTATCATCAACGAGTGTC	346
Db	1477	CTCCAGCGCGCTGCTGCTCTTCCTGTCGAGTTCGCGCTGCTCCGCTCCCGCGCTG	1418
QY	347	TGAAGTGTGCGATCAACTTCTACACGAGAAAGCTCTTAACCTCAACGCTGGAGCTTCTA	406
Db	1417	TGTGCTCTCCAGCGCGCGCTCTCTCTCTGCTCTCTATGCGCGCTCCGCTGGTG	1358
QY	407	CTGTGTACGCTGTGCTGTGAACCGGTGGGAGAGCTGTGACCGCTGGAAACGCTGCTA	466
Db	1357	CAGCAGGTGTTTGATGTGCTCGGGGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	1298
QY	467	C 467	
Db	1297	C 1297	

[illegible]

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RESULT 5
PCT-US02-32727-48/c
: Sequence 48, Application PC/TUS0232727
: GENERAL INFORMATION:
: APPLICANT: Mitcham, Jennifer
: APPLICANT: Skelky, Yasir
: APPLICANT: Persing, David
: APPLICANT: Bhatia, Ajay
: APPLICANT: Malsonneuve, Jean Francois
: APPLICANT: Zhang, Yanni
: APPLICANT: Wang, Siqing
: APPLICANT: Jen, Shylan
: APPLICANT: Lodes, Michael
: APPLICANT: Benson, Darin
: APPLICANT: Jones, Robert
: APPLICANT: Carter, Darrick
: APPLICANT: Barth, Brenda
: APPLICANT: Douglass, John
: TITLE OF INVENTION: Compositions and Methods
: FILE REFERENCE: 210121.514C1
: CURRENT APPLICATION NUMBER: PCT/US02/32727-48
: CURRENT FILING DATE: 2002-10-11
: NUMBER OF SEQ ID NOS: 30992
: SEQ ID NO 48
: LENGTH: 37716
: TYPE: DNA
: ORGANISM: Propionibacterium
PCT-US02-32727-48

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	Query Match	2.5%	Score	34.4;	DB 1:	Length	37716;	
	Best Local Similarity	52.0%;	Pred.	No. 35;	Mismatches	71;	Indels	0; Gaps
	Matches	77;	Conservative	0;	Gaps	0;		0;
OY	866	ACAGGACTACGGAGCTCAGCGTACCCTGCCTGGAGAGCTGCTACCCGTGGCTAAGCATGTA	925					
Ddb	445	ACTGGACAACCTATCTGGTGCCATCCTTGTCAGATTCTCATCTGATAAGTTCTTGTC	386					
OY	926	ACATCGGTTGTCCTGACGGAAACGGCTATCGTCTCTCGAGCTACCAACACTACGTGATCCGCC	985					
Ddb	385	ATCTCGATGCTCGTATTGTATAGTAGTAGGCCGTCGAATCGTCTTATCACGGGAATATCT	326					
OY	986	AGACCGAGTGTCGAACTGTGCTGCTAAA	1013					
Ddb	325	ACGATGATTGTAGCGACTATCGTGCCTCA	298					

RESULT 6
 US-10-057-498-48/c
 : Sequence 48, Application US/10057498
 : GENERAL INFORMATION:
 : APPLICANT: Mitcham, Jennifer
 : APPLICANT: Stelky, Yasir
 : APPLICANT: Persing, David
 : TITLE OF INVENTION: Compositions and Methods
 : FILE REFERENCE: 21021.514
 : CURRENT APPLICATION NUMBER: US/10/057,498
 : CURRENT FILING DATE: 2001-04-20
 : NUMBER OF SEQ ID NOS: 29212
 : SEQ ID NO 48
 : LENGTH: 37716
 : TYPE: DNA
 : ORGANISM: Propionis acnes
 : US-10-057-498-48

	Query Match	2.5%	Score	34.4;	DB	6;	Length	37716;	
	Best Local Similarity	52.0%;	Pred. No.	35;					
	Matches	77;	Conservative	0;	Mismatches	71;	Indels	0;	Gaps
QY	866	ACRAGGACTACGGAGCTGAGGCTACCGCTCGAGGAGCTGCTACCCCTGGCTTAAGCAGTGTA	925						
Db	445	ACTGCGACACCTATCTGGTGCCATCTCTGGTCAGTTCCTCATTCATGATAAGTGGTTGTC	386						
QY	926	ACATCGCTTCTCTGAGCGGAACGGCTATCGCTTCTGGAGCTACCAACTACGTGATCCTGC	985						
Db	385	ATCTCGATGCTCGTTATTGATAGGTAGGGCGTCGATTCGTTCTTATCACGGGAATATCT	326						
QY	986	AGACCCAGTGTCTGAAGTGTGCTCTAA	1013						
Db	325	ACGATGATTGTAGCGACTATCGTGTCA	298						

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RESULT 7
US-10-144-771-26535
; Sequence 26535, Application US/10144771
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig
; TITLE OF INVENTION: HUMAN GENOME DISCOVERY SYSTEM AND USES THEREOF
; FILE REFERENCE: CL001321
; CURRENT APPLICATION NUMBER: US/10/144,771
; CURRENT FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 47235
; SEQ ID NO 26535
; LENGTH: 555
; TYPE: DNA
; ORGANISM: HUMAN
US-10-144-771-26535

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Query Match 2.4%; Score 34; DB 6; Length 555;
Best Local Similarity 59.2%; Pred. NO. 6.8;
Matches 58; Conservative 0; Mismatches 40; Indels

[illegible]

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RESULT 8
PCT-US02-40225-2140
; Sequence 2140, Application PCT/US0240225
; GENERAL INFORMATION:
; APPLICANT: Elitra Pharmaceuticals, Inc.
; APPLICANT: Broshkin, Alexey M.
; APPLICANT: Zamudio, Carlos
; TITLE OF INVENTION: IDENTIFICATION OF ESSE
; FILE REFERENCE: 10182-021-228
; CURRENT APPLICATION NUMBER: PCT/US02/40225
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 60/341,261
; PRIOR FILING DATE: 2001-12-17
; NUMBER OF SEQ ID NOS: 3361
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2140
; LENGTH: 1215
; TYPE: DNA
; ORGANISM: Cryptococcus neoformans
PCT-US02-40225-2140

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Query Match 2.4%; Score 34; DB 1; Length 1215;
Best Local Similarity 57.5%; Pred. NO. 9.7;
Matches 61; Conservative 0; Mismatches 45; Indels 0; Gaps 0;


```
APPLICANT: Zhao, Qing A.
APPLICANT: Wehrman, Tom
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Ping
APPLICANT: Ma, Yundong
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: John Tillinghast
APPLICANT: Dmanac, Radoje T.
TITLE OF INVENTION: Novel Nucleic Acids and
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1105
SOFTWARE: pt_FL_genes Version 1.0
SEQ ID NO 1053
LENGTH: 2161
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (99)..(1907)
US-09-620-312D-1053

Query Match      2.4%; Score 33.6; DB 5; Length 2161;
Best Local Similarity 66.7%; Pred. No. 17;
Matches 48; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

QY 113 TGGGAACCCCTGCTACTGTGTGAAGTGTGACAGAACTTCTACTACAAACAGCTGCTG 172
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 568 TGGGACTCTCTCTCCCTTTGTGGCAGGCCAGATGGCTGCTGCATGAACAACAGCTG 627
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

QY 173 CTTTCGTGCTG 184
      ||||| |||||
Db 628 TCTTCTTGCCAG 639
      ||||| |||||

RESULT 14
PCT-US02-40718-11
; Sequence 11, Application PC/TUS0240718
; GENERAL INFORMATION:
; APPLICANT: KOH, Sang Seok
; APPLICANT: LIU, Qing
; APPLICANT: CHUNG, Hyun-Ho
; APPLICANT: ZENG, Wen
; APPLICANT: LEE, Bogman
; APPLICANT: YERRAMILLI, Subrahmanyam
; APPLICANT: SONG, Si Young
; APPLICANT: Gene Logic, Inc.
; APPLICANT: LG Chem Ltd.
; TITLE OF INVENTION: GENE EXPRESSION PROFILES IN LIVER DISEASE
; FILE REFERENCE: 44921-5109-WO
; CURRENT APPLICATION NUMBER: PCT/US02/40718
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: US 60/341,815
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: US 60/343,185
; PRIOR FILING DATE: 2001-12-31
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 2194
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. Z48475
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PCT-US02-40718-11

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Query Match      2.4%; Score 33.6; DB 1; Length 2194;
Best Local Similarity 66.7%; Pred. No. 17;
Matches 48; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

QY 113 TGGGAACCCCTGCTACTGTGTGAAGTGTGACAGAACTTCTACTACAAACAGCTGCTG 172
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 602 TGGGACTCTCTCTCCCTTTGTGGCAGGCCAGATGGCTGCTGCATGAACAACAGCTG 661
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

QY 173 CTTTCGTGCTG 184
      ||||| |||||
Db 662 TCTTCTTGCCAG 673
      ||||| |||||
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RESULT 15

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US-09-620-312D-1052
; Sequence 1052, Application US/09620312D
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-hong
; APPLICANT: Zhao, Qing A.
; APPLICANT: Wehrman, Tom
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yundong
; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: John Tillinghast
; APPLICANT: Dmanac, Radoje T.
; TITLE OF INVENTION: Novel Nucleic Acids and
; FILE REFERENCE: 784CIP2B
; CURRENT APPLICATION NUMBER: US/09/620,312D
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 1105
; SOFTWARE: pt_FL_genes Version 1.0
; SEQ ID NO 1052
; LENGTH: 2230
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (99)..(1976)
US-09-620-312D-1052
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Query Match      2.4%; Score 33.6; DB 5; Length 2230;
Best Local Similarity 66.7%; Pred. No. 17;
Matches 48; Conservative 0; Mismatches 24; Indels 0; Gaps 0;
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QY 113 TGGGAACCCCTGCTACTGTGTGAAGTGTGACAGAACTTCTACTACAAACAGCTGCTG 172
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 637 TGGGACTCTCTCTCCCTTTGTGGCAGGCCAGATGGCTGCTGCATGAACAACAGCTG 696
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

QY 173 CTTTCGTGCTG 184
      ||||| |||||
Db 697 TCTTCTTGCCAG 708
      ||||| |||||
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Search completed: February 17, 2003, 01:54:45
Job time : 301.217 secs

